

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/014901

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ G11C15/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ G11C15/04

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2004
Kokai Jitsuyo Shinan Koho 1971-2004 Toroku Jitsuyo Shinan Koho 1994-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2002-541610 A (Mosaid Technologies Inc.), 03 December, 2002 (03.12.02), Claim 16; Par. Nos. [0014], [0024], [0026], [0027], [0031]; Fig. 2 & KR 2002/012168 A & US 2002/0044475 A1 & WO 2000/060604 A1	1,2 8-10
Y	JP 2000-132978 A (International Business Machines Corp.), 12 May, 2000 (12.05.00), Par. No. [0023]; Fig. 3 & KR 2000/029138 A & US 6181591 B1	8-10
E,A	JP 2004-128266 A (Fujitsu Ltd.), 22 April, 2004 (22.04.04), Par. Nos. [0074] to [0076]; Fig. 5 (Family: none)	6

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:
"A" document defining the general state of the art which is not
considered to be of particular relevance
"E" earlier document but published on or after the international filing
date
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cited to establish the publication date of another citation or other
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means
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"I" later document published after the international filing date or
priority date and not in conflict with the application but cited to
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"X" document of particular relevance; the claimed invention cannot be
considered novel or cannot be considered to involve an inventive
step when the document is taken alone
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considered to involve an inventive step when the document is
combined with one or more other such documents, such
combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search
18 August, 2004 (18.08.04)

Date of mailing of the international search report
07 September, 2004 (07.09.04)

Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2001-319481 A (Kawasaki Steel Corp.), 16 November, 2001 (16.11.01), (Family: none)	6
A	JP 2003-303495 A (Fujitsu Ltd.), 24 October, 2003 (24.10.03), (Family: none)	1-10